

SEQUENCE LISTING

<110> BRENTANO, Steven T.
JUCKER, Markus T.
DELGADO, Francisco D.
CLEUZIAT, Philippe
RODRIGUE, Marc

<120> NUCLEIC ACID AMPLIFICATION AND DETECTION OF
MYCOBACTERIUM SPECIES

<130> GP107-02.UT

<140> to be assigned

<141> 2000-12-15

<150> 60/172,190

<151> 1999-12-17

<160> 42

<170> PatentIn Ver. 2.0

<210> 1

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 1

gcccattgtg caatattccc cact

24

<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 2

tgtgcaatat tccccactgc tgcct

25

<210> 3

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 3

cccattgtgc aatattcccc actgct

26

<210> 4

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 4

ccattgtgca atattcccca ctgc

24

<210> 5

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 5

ttgtgcaata ttccccactg c

21

<210> 6

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 6

tgcacagggc ttgcgccca

19

<210> 7

<211> 57

<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<220>
<221> promoter
<222> (1)..(33)

<400> 7
gaaattaata cgactcacta tagggagacc acagcccatt gtgcaatatt cccact 57

<210> 8
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<220>
<221> promoter
<222> (1)..(33)

<400> 8
gaaattaata cgactcacta tagggagacc acatgtgcaa tattccccac tgctgcct 58

<210> 9
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<220>
<221> promoter
<222> (1)..(33)

<400> 9
gaaattaata cgactcacta tagggagacc acaccattg tgcaatattc cccactgct 59

<210> 10
<211> 57
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

oligonucleotide

<220>

<221> promoter

<222> (1)..(33)

<400> 10

gaaattaata cgactcacta tagggagacc acaccattgt gcaatattcc ccactgc 57

<210> 11

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<220>

<221> promoter

<222> (1)..(33)

<400> 11

gaaattaata cgactcacta tagggagacc acattgtgca atattcccca ctgc 54

<210> 12

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<220>

<221> promoter

<222> (1)..(33)

<400> 12

gaaattaata cgactcacta tagggagacc acatgcatca ggcttgcgcc ca 52

<210> 13

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 13
gtgcttaaca catgcaagtc gaacgga

27

<210> 14
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 14
gcaagtcgaa cggaaaggctc tcttcggaga ta

32

<210> 15
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 15
cgaacggaaa ggtctcttcg gagatact

28

<210> 16
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 16
gaacggaaag gtctcttcgg agatactc

28

<210> 17
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 17

gaacggaaag gtctcttcgg agatacac 28

<210> 18

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 18

gaacggaaag gtctcttcgg agatgctc 28

<210> 19

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 19

gaacggaaag gtctcttcgg agatgcac 28

<210> 20

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 20

gaacggaaag gcccttuuu uggtgtgctc 30

<210> 21

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 21

gcaagtcgaa cggaaggcc ttctcg 25

<210> 22
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 22
caagtcgaac ggaaaggcct ttcg

24

<210> 23
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 23
gtcgaacgga aaggcctttc gg

22

<210> 24
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 24
gaacggaaag gccttttcgg

19

<210> 25
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 25
gaaaggcctt tcgggggtgc tc

22

<210> 26
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 26
gaaaggcctt tcgggggtgc tcgag

25

<210> 27
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 27
caagtcgaac ggaaaggccc ctt

23

<210> 28
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 28
gtcgaacgga aaggcccctt ttttgg

26

<210> 29
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 29
gaacggaaag gccctttttt tgg

23

<210> 30

<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 30
gaacggaaag gccccttttt tg

22

<210> 31
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 31
cggaaggcc ccttttttg

19

<210> 32
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 32
cggaaggcc ccttttttgg

20

<210> 33
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 33
cggaaggcc ccttttttgg ggt

23

<210> 34
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
oligonucleotide

<400> 34
ggaaaggccc cttttttg

18

<210> 35
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Capture
oligomer

<220>
<221> modified_base
<222> (1)
<223> cm

<220>
<221> modified_base
<222> (2)
<223> 2'-O-methoxy-thymidine

<220>
<221> modified_base
<222> (3)
<223> 2'-O-methoxy-adenosine

<220>
<221> modified_base
<222> (4)
<223> gm

<220>
<221> modified_base
<222> (5)
<223> 2'-O-methoxy-thymidine

<220>
<221> modified_base
<222> (6)
<223> cm

<220>
<221> modified_base
<222> (7)

<223> 2'-O-methoxy-thymidine

<220>

<221> modified_base

<222> (8)

<223> gm

<220>

<221> modified_base

<222> (9)..(11)

<223> cm

<220>

<221> modified_base

<222> (12)

<223> gm

<220>

<221> modified_base

<222> (13)

<223> 2'-O-methoxy-thymidine

<220>

<221> modified_base

<222> (14)

<223> 2'-O-methoxy-adenosine

<220>

<221> modified_base

<222> (15)

<223> 2'-O-methoxy-thymidine

<400> 35

ctagtctgcc cgtatttttaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaa

48

<210> 36

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: promoter

<400> 36

gaaattaata cgactcacta tagggagacc aca

33

<210> 37

<211> 20

<212> DNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 oligonucleotide

 <400> 37
 acggaaaggc cccttttttg 20

<210> 38
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 oligonucleotide

<220>
 <221> modified_base
 <222> (25)
 <223> K-base

<400> 38
 gaacggaaag gtctcttcgg agatnctc 28

<210> 39
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: probe

<400> 39
 gtcttgtggt ggaaagcgct ttag 24

<210> 40
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: probe

<400> 40
 ggacctcaag acgcatgtc 19

<210> 41
 <211> 21
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe

<400> 41

taggaccatt ctgcgcatgt g

21

<210> 42

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe

<400> 42

taggaccact tggcgcatgc c

21